

Amendments to the Claims

1. (Currently Amended) A In an enterprise planning model, a computer-based method for adapting an enterprise planning model to include a strategic constraint of an enterprise visualizing an effect of a strategic constraint on a primary goal of an enterprise, said method comprising:

~~selecting a primary~~ selecting said primary goal of said enterprise planning model, said primary goal being represented by a primary objective function, said primary objective function depending upon a set of operational variables;

representing said strategic constraint by a constraint function, said constraint function depending upon a subset of said operational variables;

optimizing said primary objective function over a range of target values for said constraint function, said optimizing operation being performed using a computing system; [[and]]

determining, from said optimizing operation, ~~an alteration~~ outcomes of said primary objective function in response to each of said target values; and

presenting a graphical view of said outcomes of said primary objective function for said target values of said constraint function, said graphical view providing a visualization of said effect of said strategic constraint on said primary goal of said enterprise.

2. (Original) A computer-based method as claimed in claim 1 wherein said target values within said range of target values represent scenarios for said strategic constraint.

3. (Currently Amended) A computer-based method as claimed in ~~claim 1 further~~ claim 2 further comprising:

selecting a set of said scenarios for said strategic constraint; and

for each of said set of scenarios, providing a set of operational decisions for said operational variables that optimize said primary goal while concurrently satisfying said strategic constraint.

4. (Original) A computer-based method as claimed in claim 3 further comprising:

targeting, in response to said providing operation, one of said scenarios from said set of said scenarios to be realized within said enterprise; and

obtaining said set of operational decisions associated with said one of said scenarios.

5. (Currently Amended) A computer-based method as claimed in ~~claim 4 further~~ claim 1 further comprising:

~~representing said scenarios by said target values for said constraint function,~~

forming an effective objective function by combining said primary objective function and said constraint function, said effective objective function depending upon said set of operational variables; and

optimizing said effective objective function to yield ~~values~~ operational decisions for said set of operational variables that optimize said objective function while concurrently satisfying said target values for said constraint function.

6. (Currently Amended) A computer-based method as claimed in claim 5 wherein said forming operation comprises selecting a range of weighting factors for said constraint function, said weighting factors adjusting an effect that said constraint function has on said ~~effective~~ objective function, and said optimizing operation optimizes said effective objective function for each of said weighting factors in said range.

7. (Original) A computer-based method as claimed in 1 wherein:

said selecting operation selects said primary goal that is limited by physical constraints of said enterprise planning model; and

said representing operation defines said strategic constraint to be non-limited by said physical constraints of said enterprise planning model.

Claim 8 (Canceled).

9. (New) A computer-based method as claimed in claim 1 wherein said determining operation yields said outcomes of said primary objective function each corresponding to one of said target values, and said presenting operation comprises generating said graphical view of said outcomes versus said target values to visualize a dependence of said primary goal on said target values of said strategic constraint.

AMENDMENTS TO THE DRAWINGS

In Figure 8, reference number 112 is added.

In Figure 11, reference number 113 is added.

In Figure 12, please substitute a proposed replacement Figure 12 for the original Figure 12. The proposed replacement Figure 12 depicts what was disclosed in paragraph [0134] of the specification (formerly paragraph [0136]) and clarifies the flow of tasks. In addition, reference number 114 is added. The proposed replacement Figure 12 includes no new matter.

In Figure 13, reference numbers 1503, 1504, and 1505 are added.

In Figure 16, an "X" is added to correspond with the specification.

For the Examiner's review, a clean copy of each drawing sheet containing the Figures 8, 11, 12, 13, and 16 discussed above is appended hereto in an Appendix D beginning on page D-1 of this paper.